

SEQUENCE LISTING

<110> Monia, Brett P.
Gaarde, William A.
Nero, Pamela S.

<120> Antisense Modulation of Focal Adhesion Kinase
Expression

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<150> 09/377,310

<151> 1999-08-19

<150> PCT/US00/18999

<151> 2000-07-13

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<170> PatentIn Ver. 2.0

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 Lys Cys Ala Leu Gly Ser Ser Trp Ile Ile Ser Val Glu Leu Ala Ile 18
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 Ala Pro Glu Pro Leu Thr Val Thr Ala Pro Ser Leu Thr Ile Ala Glu
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Lys Phe Leu Gln Glu Ala Leu Thr Met Arg Gln Phe Asp His Pro His
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Ile Val Lys Leu Ile Gly Val Ile Thr Glu Asn Pro Val Trp Ile Ile
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| Trp Ala Tyr Asp Pro Ser Arg Arg Pro Arg Phe Thr Glu Leu Lys Ala | | | |
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| Gln Leu Ser Thr Ile Leu Glu Glu Glu Lys Ala Gln Gln Glu Glu Arg | | | |
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| Ala Met Ala Gly Ser Ile Tyr Pro Gly Gln Ala Ser Leu Leu Asp Gln | | | |
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| 775 | 780 | 785 | |
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| Asn Val Glu Asp Ser Thr Val Leu Asp Leu Arg Gly Ile Gly Gln Val | | | |
| 790 | 795 | 800 | |
| ttg cca acc cat ctg atg gaa gag cgt cta atc cga cag caa cag gaa | | | 2686 |
| Leu Pro Thr His Leu Met Glu Glu Arg Leu Ile Arg Gln Gln Gln Glu | | | |
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| cct gat gtg aga ctc tct cga ggc agt att gac agg gag gat gga agt | | | 2782 |
| Pro Asp Val Arg Leu Ser Arg Gly Ser Ile Asp Arg Glu Asp Gly Ser | | | |
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 Pro Asp Pro Ala Ala Pro Pro Lys Lys Pro Pro Arg Pro Gly Ala Pro
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 Gly His Leu Gly Ser Leu Ala Ser Leu Ser Ser Pro Ala Asp Ser Tyr
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| Leu | Lys | Phe | Phe | Glu | Ile | Leu | Ser | Pro | Val | Tyr | Arg | Phe | Asp | Lys | Glu |
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| Cys | Phe | Lys | Cys | Ala | Leu | Gly | Ser | Ser | Trp | Ile | Ile | Ser | Val | Glu | Leu |
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| Ala | Ile | Gly | Pro | Glu | Glu | Gly | Ile | Ser | Tyr | Leu | Thr | Asp | Lys | Gly | Cys |
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| Asn | Pro | Thr | His | Leu | Ala | Asp | Phe | Thr | Gln | Val | Gln | Thr | Ile | Gln | Tyr |
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| Ser | Asn | Ser | Glu | Asp | Lys | Asp | Arg | Lys | Gly | Met | Leu | Gln | Leu | Lys | Ile |
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| Ala | Gly | Ala | Pro | Glu | Pro | Leu | Thr | Val | Thr | Ala | Pro | Ser | Leu | Thr | Ile |
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| Ala | Glu | Asn | Met | Ala | Asp | Leu | Ile | Asp | Gly | Tyr | Cys | Arg | Leu | Val | Asn |
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| Gly | Thr | Ser | Gln | Ser | Phe | Ile | Ile | Arg | Pro | Gln | Lys | Glu | Gly | Glu | Arg |
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| Ala | Leu | Pro | Ser | Ile | Pro | Lys | Leu | Ala | Asn | Ser | Glu | Lys | Gln | Gly | Met |
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| Arg | Thr | His | Ala | Val | Ser | Val | Ser | Glu | Thr | Asp | Asp | Tyr | Ala | Glu | Ile |
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| Ile | Asp | Glu | Glu | Asp | Thr | Tyr | Thr | Met | Pro | Ser | Thr | Arg | Asp | Tyr | Glu |
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| Ile | Gln | Arg | Glu | Arg | Ile | Glu | Leu | Gly | Arg | Cys | Ile | Gly | Glu | Gly | Gln |
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| Phe | Gly | Asp | Val | His | Gln | Gly | Ile | Tyr | Met | Ser | Pro | Glu | Asn | Pro | Ala |
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| Leu | Ala | Val | Ala | Ile | Lys | Thr | Cys | Lys | Asn | Cys | Thr | Ser | Asp | Ser | Val |
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| Pro | His | Ile | Val | Lys | Leu | Ile | Gly | Val | Ile | Thr | Glu | Asn | Pro | Val | Trp |
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| Ile | Ile | Met | Glu | Leu | Cys | Thr | Leu | Gly | Glu | Leu | Arg | Ser | Phe | Leu | Gln |
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| Val | Arg | Lys | Tyr | Ser | Leu | Asp | Leu | Ala | Ser | Leu | Ile | Leu | Tyr | Ala | Tyr |
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| Lys | Leu | Gly | Asp | Phe | Gly | Leu | Ser | Arg | Tyr | Met | Glu | Asp | Ser | Thr | Tyr |
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| Tyr | Lys | Ala | Ser | Lys | Gly | Lys | Leu | Pro | Ile | Lys | Trp | Met | Ala | Pro | Glu |
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| Ser | Ile | Asn | Phe | Arg | Arg | Phe | Thr | Ser | Ala | Ser | Asp | Val | Trp | Met | Phe |
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| Gly | Val | Cys | Met | Trp | Glu | Ile | Leu | Met | His | Gly | Val | Lys | Pro | Phe | Gln |
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| Leu | Pro | Met | Pro | Pro | Asn | Cys | Pro | Pro | Thr | Leu | Tyr | Ser | Leu | Met | Thr |
| | | | | 645 | | | | | 650 | | | | | 655 | |
| Lys | Cys | Trp | Ala | Tyr | Asp | Pro | Ser | Arg | Arg | Pro | Arg | Phe | Thr | Glu | Leu |
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| Lys | Ala | Gln | Leu | Ser | Thr | Ile | Leu | Glu | Glu | Glu | Lys | Ala | Gln | Gln | Glu |
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| Glu | Arg | Met | Arg | Met | Glu | Ser | Arg | Arg | Gln | Ala | Thr | Val | Ser | Trp | Asp |
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| Val | Gln | Thr | Asn | His | Tyr | Gln | Val | Ser | Gly | Tyr | Pro | Gly | Ser | His | Gly |
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| Ile | Thr | Ala | Met | Ala | Gly | Ser | Ile | Tyr | Pro | Gly | Gln | Ala | Ser | Leu | Leu |
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| Asp | Gln | Thr | Asp | Ser | Trp | Asn | His | Arg | Pro | Gln | Glu | Ile | Ala | Met | Trp |
| | 770 | | | | | 775 | | | | | 780 | | | | |
| Gln | Pro | Asn | Val | Glu | Asp | Ser | Thr | Val | Leu | Asp | Leu | Arg | Gly | Ile | Gly |
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| Leu | Lys | Pro | Asp | Val | Arg | Leu | Ser | Arg | Gly | Ser | Ile | Asp | Arg | Glu | Asp |
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